

FIG. 1

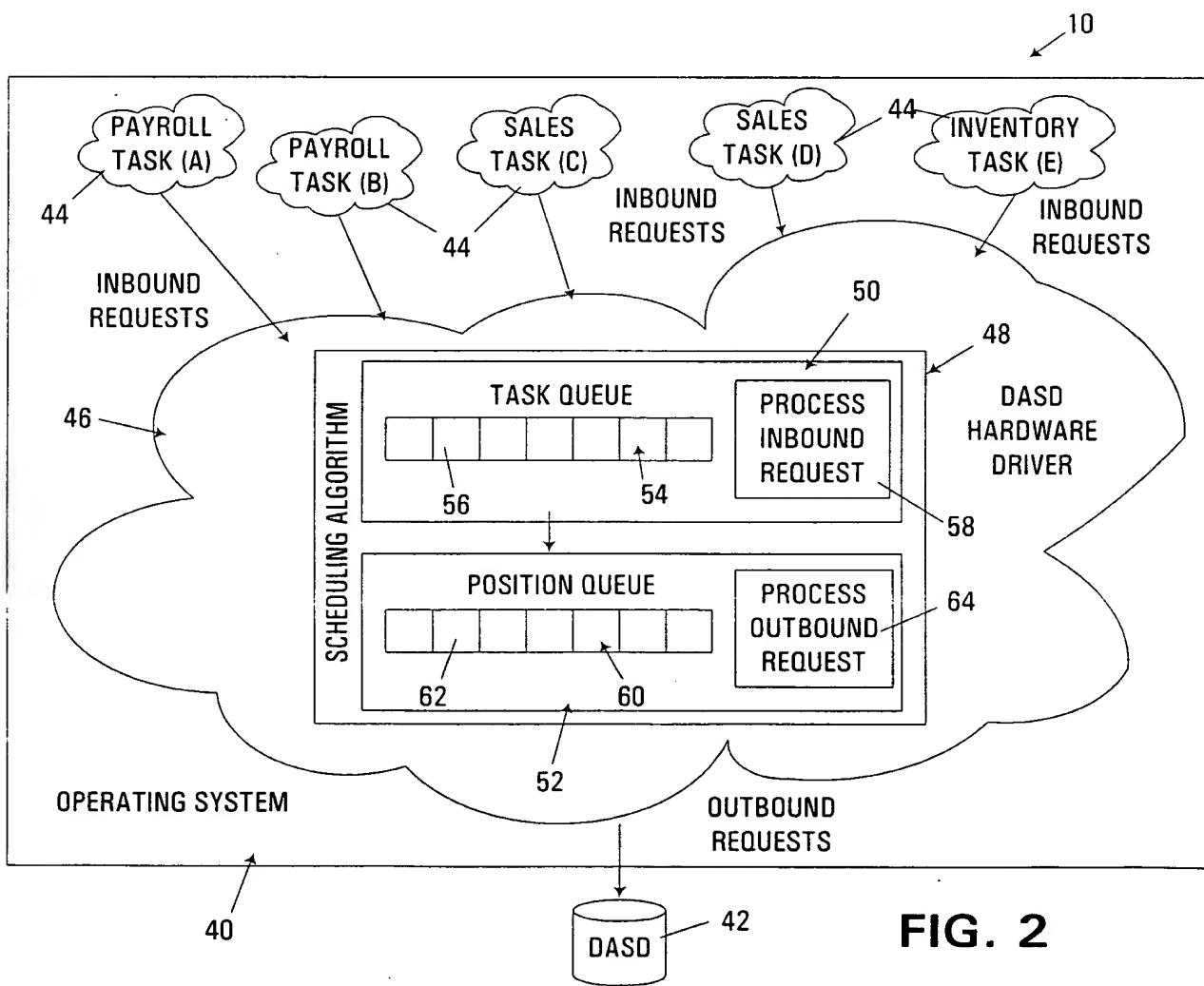


FIG. 2

FIG. 4

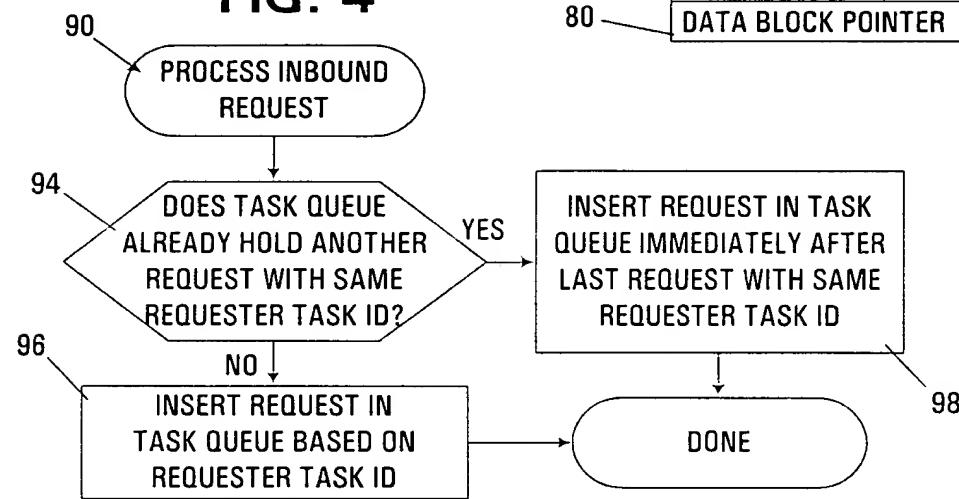


FIG. 3

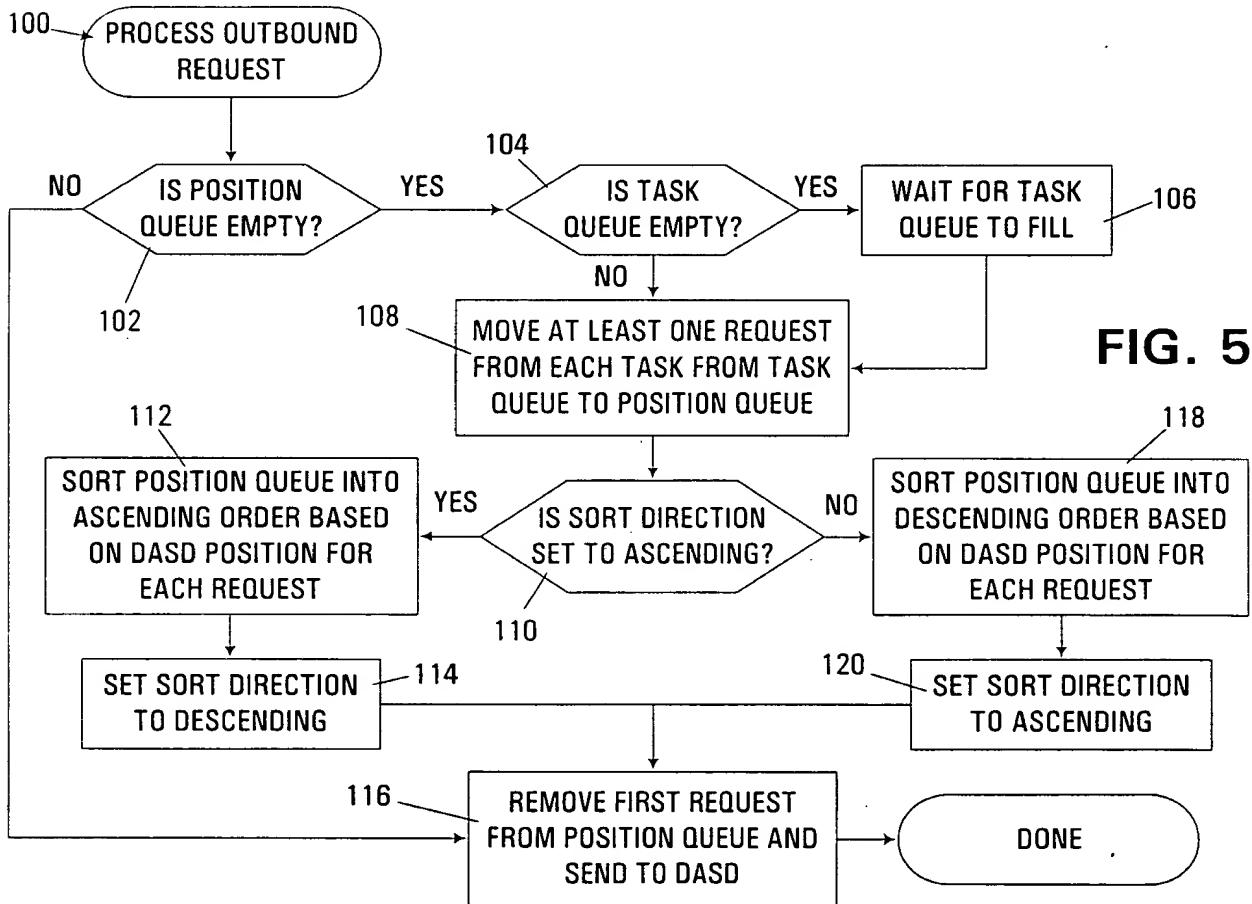
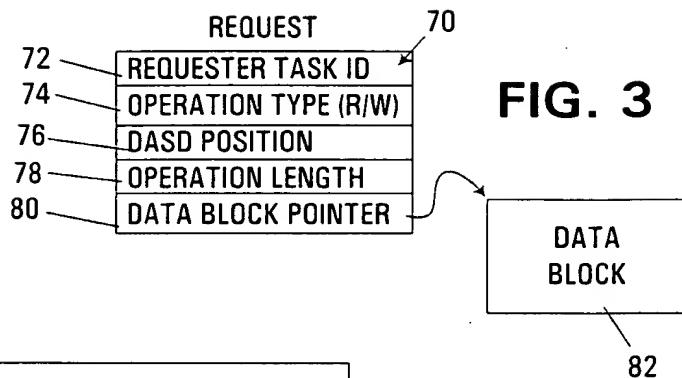


FIG. 5

TASK QUEUE														
A	A	A	B	C	C	C	C	D	D	E	E	E	E	
101	102	103	80	930	513	933	514	333	881	731	732	733	734	

FIG. 6A

POSITION QUEUE														

54

60

TASK QUEUE														
	A	A			C	C	C		D		E	E	E	
	102	103			513	933	514		881		732	733	734	

FIG. 6B

POSITION QUEUE														
B	A	D	E	C										

54

60

TASK QUEUE														
		A				C	C				E	E		
		103				933	514				733	734		

FIG. 6C

POSITION QUEUE														
D	E	C	A											

54

60

TASK QUEUE														
						C						E		
						514						734		

FIG. 6D

POSITION QUEUE														
A	E	C												

54

60

TASK QUEUE														

FIG. 6E

POSITION QUEUE														
E	C													

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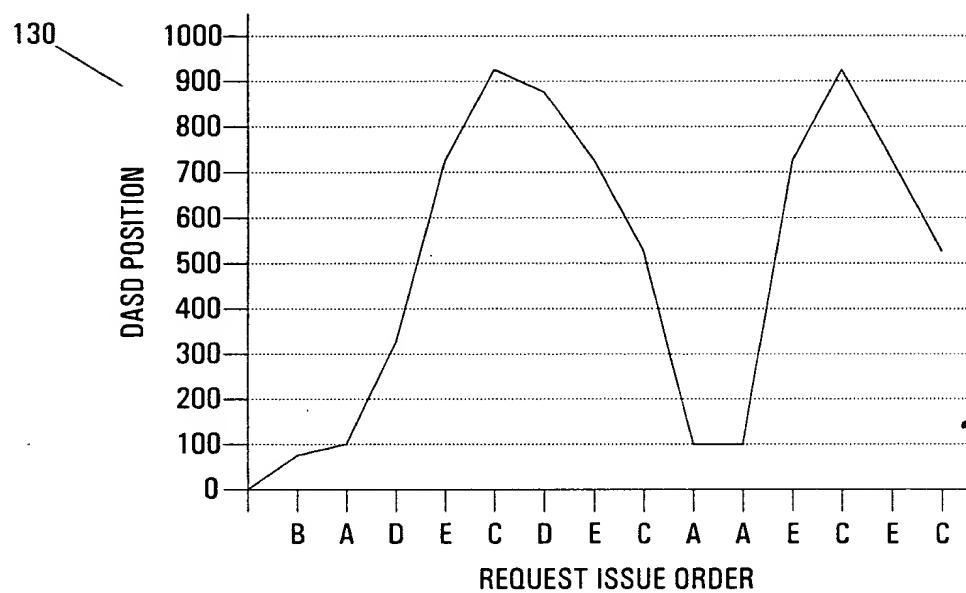


FIG. 7